

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------|---|------------------|---------|------------------|
| S19 | 686 | query adj signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/19 11:55 |
| S20 | 758 | query adj signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 08:42 |
| S21 | 758 | query\$1 adj signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/19 15:22 |
| S22 | 806 | quer\$3 adj signal\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 08:42 |
| S23 | 2 | ("6453252").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/19 12:02 |
| S24 | 2 | ("6088455").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/30 09:48 |
| S25 | 2 | "20040243540" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/19 15:06 |
| S27 | 2 | ("5634040").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/30 09:03 |
| S28 | 2 | ("6430302").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/30 09:03 |

EAST Search History

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| S29 | 49 | "6088455".uref. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:48 |
| S30 | 19 | "6088455".uref. and secur\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:49 |
| S31 | 0 | "6088455".uref. and secur\$5 with match\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:49 |
| S32 | 11 | "6088455".uref. and secur\$5 and match\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:50 |
| S33 | 0 | "6088455".uref. and secur\$5 same match\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:49 |
| S34 | 6 | "6088455".uref. and secur\$5 and match\$4 and database | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/30 09:50 |
| S35 | 2 | "20040243540" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 17:28 |

EAST Search History

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| 9/19/07 11:08:20 AM | | C:\Documents and Settings\Sam\My Documents\EAST\Workspaces\09657181.wsp | | | Page 3 | |

EAST Search History

| | | | | | | |
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| S37 | 0 | S36 and abstract adj signal with query | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:41 |
| S38 | 2 | S36 and abstract adj signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:43 |
| S39 | 38 | S36 and match\$3 with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 10:08 |
| S40 | 5 | S36 and compar\$4 with match\$3 with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:46 |
| S41 | 1 | S36 and match\$3 with signal and (processor or microprocessor) with database | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 09:47 |

EAST Search History

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| 9/19/07 11:08:20 AM | C:\Documents and Settings\sa\My Documents\EAST\Workspaces\09657181.wsp | | | | Page 5 | |

EAST Search History

| | | | | | | |
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| S43 | 0 | S42 and match\$3 with signal with counter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 10:15 |
| S44 | 1 | S42 and match\$3 with signal with secur\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 10:17 |
| S45 | 2 | S42 and match\$3 with signal same secur\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 10:18 |
| S46 | 9 | S42 and match\$3 with signal and secur\$5 with control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 10:18 |
| S47 | 6029 | 707/1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:42 |
| S50 | 8800 | 707/3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:50 |
| S51 | 3084 | 707/2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S52 | 7495 | 707/10.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S53 | 260 | 709/209.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S54 | 1453 | 380/28.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:52 |

EAST Search History

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EAST Search History

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| S57 | 198 | ("20020026343" "20020097873" "20020103883" "20030126445" "20030133702" "20040037449" "20040128514" "20050160271" "20060005029" "20060013395" "3947825" "3984624" "3986624" "4038596" "4200770" "4218582" "4339134" "4405829" "4424414" "4528588" "4672605" "4748668" "4789928" "4827508" "4876617" "4896275" "4908873" "4939515" "4969204" "4972471" "4977594" "4979210" "4980782" "5050213" "5073925" "5077665" "5113437" "5136581" "5161210" "5243423" "5243515" "5287407" "5319735" "5341429" "5341477" "5363448" "5365586" "5369707" "5379345" "5394324" "5398285" "5406627" "5408505" "5410598" "5412718" "5418713" "5428606" "5450490" "5469536" "5478990" "5479210" "5487168" "5492419" "5493677" "5506795" "5513261" "5530739" "5530751" "5530759" "5548579" "5568570" "5579124" "5581703" "5583488" "5598470" "5606609" "5613004" "5617119" "5625690" "5629980" "5633932" "5636276" "5636292" "5640569" "5646997" "5659726" "5664018" "5673316" "5680462" "5687236" "5689587" "5696828" "5719937" "5721788" "5734752" "5737416" "5737733" "5740244" "5745569" "5748783" "5751811" "5754697" "5757923" "5765152" "5774452" "5790677" "5799083" "5809139" "5809160" "5828325" "5832119" "5848155" "5859920" "5870474" "5884033" "5889868" "5893067" "5894521" "5903721" "5905800" "5905975" "5912972" "5915027" "5917915" "5920900" "5930369" "5930377" "5940134" "5943422" "5963909" "5973731" "5974141" "5991426" "5999217" "6009176" "6029126" "6041316" "6049838" "6051029" "6061793" "6069914" "6078664" "6081251" "6081547" "6131162" "6141753" "6141754" "6154571" "6199058" "6205249" "6208745" "6230268" "6233347" "6233684" "6272634" "6275988" "6278780" "6278791" "6282300" "6282650" "6285775" "6310962" "6330335" "6330672" "6351765" "6373892" "6377625" "6381618" "6385329" "6405203" "6415041" "6425081" "6430302" "6442283" "6453252" "6457058" "6493457" "6522769" "6523113" "6530021" "6539475" "6557103" "65584175" "65584167" "6606 | US-PGPUB; USPAT | OR | ON | 2007/09/18 16:56 |
| 9/19/07 11:08:20 AM | | C:\Documents and Settings\VCJ\My Documents\EAST\Workspaces\09657181.wsp | | | Page 8 | |

EAST Search History

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| S59 | 201 | S56 or S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:57 |
| S60 | 4 | ("20020103883" "5673316" "5687236" "5737733").PN. | US-PGPUB; USPAT | OR | ON | 2007/09/18 16:57 |
| S61 | 201 | S59 or S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:58 |
| S62 | 21 | ("20020026343" "5428606" "5478990" "5539735" "5613004" "5687236" "5745569" "5790677" "5822432" "5884033" "5889868" "5903721" "5905800" "5920900" "6078664" "6199058" "6205249" "6230268" "6381618" "6457058" "6522767").PN. | US-PGPUB; USPAT | OR | ON | 2007/09/18 16:59 |
| S63 | 201 | S61 or S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:59 |

EAST Search History

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EAST Search History

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| S65 | 211 | S63 or S64 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:00 |
| S67 | 0 | (S63 or S64) and abstract with reference with singal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:01 |
| S68 | 0 | (S63 or S64) and reference with singal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:01 |
| S69 | 0 | (S63 or S64) and abstract with reference with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:01 |
| S70 | 40 | (S63 or S64) and reference with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:04 |
| S71 | 0 | (S63 or S64) and query with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:02 |
| S72 | 10 | (S63 or S64) and query and reference with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:04 |
| S73 | 1824 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:35 |
| S74 | 26514 | 702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:38 |
| S75 | 20 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:40 |

EAST Search History

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| S76 | 10 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detector | US-PGPUB | OR | ON | 2007/09/18 17:40 |
| S77 | 63 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detect\$ | US-PGPUB | OR | ON | 2007/09/18 17:45 |

EAST Search History

Interference search

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| S50 | 8800 | 707/3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:50 |
| S51 | 3084 | 707/2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S52 | 7495 | 707/10.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S53 | 260 | 709/209.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:51 |
| S54 | 1453 | 380/28.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 16:52 |
| S73 | 1824 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:35 |
| S74 | 26514 | 702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:38 |
| S75 | 20 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 17:40 |

EAST Search History

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|-----|----|--|----------|----|----|------------------|
| S76 | 10 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detector | US-PGPUB | OR | ON | 2007/09/18 17:40 |
| S77 | 63 | (702/182.ccls. or 707/1,2,3,10.ccls. or 709/209.ccls. or 705/51.ccls. or 380/28.ccls.) and watermark with detect\$ | US-PGPUB | OR | ON | 2007/09/18 17:45 |